

# Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

## Recombinant Anti-ZO1 tight junction protein antibody [EPR19945-296]

RRID:AB\_2892660

Type: Antibody

---

### Proper Citation

Abcam Cat# ab221547, RRID:AB\_2892660

---

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2892660](http://antibodyregistry.org/AB_2892660)

**Proper Citation:** Abcam Cat# ab221547, RRID:AB\_2892660

**Target Antigen:** ZO-1

**Host Organism:** rabbit

**Clonality:** recombinant monoclonal

**Comments:** Applications: Flow Cyt (Intra), ICC/IF, IHC-P

**Antibody Name:** Recombinant Anti-ZO1 tight junction protein antibody [EPR19945-296]

**Description:** This recombinant monoclonal targets ZO-1

**Target Organism:** rat, mouse, human

**Clone ID:** EPR19945-296

**Antibody ID:** AB\_2892660

**Vendor:** Abcam

**Catalog Number:** ab221547

**Record Creation Time:** 20250819T234621+0000

**Record Last Update:** 20250820T062208+0000

---

### Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-ZO1 tight junction protein antibody [EPR19945-296].

No alerts have been found for Recombinant Anti-ZO1 tight junction protein antibody [EPR19945-296].

---

## Data and Source Information

**Source:** [Antibody Registry](#)

---

## Usage and Citation Metrics

We found 18 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Ma J, et al. (2026) Paired pre- and post-transplant human immunoprofiling identifies an IFN- $\gamma$ -JAK1 axis limiting stem-cell-derived RPE engraftment. *Cell stem cell*, 33(7), 1127.

Zhang BN, et al. (2026) Targeted AAV6 gene therapy restores corneal endothelial function in three hereditary corneal dystrophies. *Cell reports. Medicine*, 7(3), 102649.

Liang X, et al. (2026) Impact of voluntary exercise on obesity-induced brain pathology: Insights from a multimodal approach in male *Ldlr*<sup>-/-</sup>.Leiden mice. *Brain, behavior, and immunity*, 136, 106539.

Fan Y, et al. (2025) Adoptive macrophages suppress glioblastoma growth by reversing immunosuppressive microenvironment through programmed phenotype repolarization. *Cell reports*, 44(10), 116350.

Xie M, et al. (2025) Gut symbiont-derived ursodeoxycholic acid promotes fatty acid oxidation to protect against renal ischemia-reperfusion injury. *Cell reports. Medicine*, 102373.

Liu Q, et al. (2025) A matrix metalloproteinase-responsive hydrogel system controls angiogenic peptide release for repair of cerebral ischemia/reperfusion injury. *Neural regeneration research*, 20(2), 503.

Fregoso SP, et al. (2025) Loss of miR-9-2 Causes Cerebral Hemorrhage and Hydrocephalus by Widespread Disruption of Cell-Type-Specific Neurodevelopmental Gene Networks. *bioRxiv : the preprint server for biology*.

Custers E, et al. (2024) Impact of Microbiota and Metabolites on Intestinal Integrity and Inflammation in Severe Obesity. *Pharmaceuticals (Basel, Switzerland)*, 17(7).

Zhang J, et al. (2024) Chemical activation of mitochondrial ClpP to modulate energy metabolism of CD4<sup>+</sup> T cell for inflammatory bowel diseases treatment. *Cell reports. Medicine*, 5(12), 101840.

Chambers CZ, et al. (2024) Lipid Nanoparticle-Mediated Delivery of mRNA Into the Mouse and Human Retina and Other Ocular Tissues. *Translational vision science & technology*, 13(7), 7.

Chen J, et al. (2024) Intestinal microbiota imbalance resulted by anti-Toxoplasma gondii immune responses aggravate gut and brain injury. *Parasites & vectors*, 17(1), 284.

de Souza WM, et al. (2024) Pathophysiology of chikungunya virus infection associated with fatal outcomes. *Cell host & microbe*.

Chambers CZ, et al. (2023) Lipid nanoparticle-mediated delivery of mRNA into the mouse and human retina and other ocular tissues. *bioRxiv : the preprint server for biology*.

Sun H, et al. (2023) Roseburia intestinalis relieves intrahepatic cholestasis of pregnancy through bile acid/FXR-FGF15 in rats. *iScience*, 26(12), 108392.

Wu Z, et al. (2023) Pericyte stem cells induce Ly6G+ cell accumulation and immunotherapy resistance in pancreatic cancer. *EMBO reports*, 24(4), e56524.

Li Y, et al. (2023) Itaconate inhibits SYK through alkylation and suppresses inflammation against hvKP induced intestinal dysbiosis. *Cellular and molecular life sciences : CMLS*, 80(11), 337.

Okamura DM, et al. (2021) Spiny mice activate unique transcriptional programs after severe kidney injury regenerating organ function without fibrosis. *iScience*, 24(11), 103269.

Koren T, et al. (2021) Insular cortex neurons encode and retrieve specific immune responses. *Cell*, 184(24), 5902.